

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number  
**WO 2005/053469 A1**

(51) International Patent Classification<sup>7</sup>: **A47F 1/10**

(21) International Application Number:  
PCT/BR2004/000238

(22) International Filing Date:  
29 November 2004 (29.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
PI 0305003-3 5 December 2003 (05.12.2003) BR  
PI 0405043-6 17 November 2004 (17.11.2004) BR

(71) Applicants and

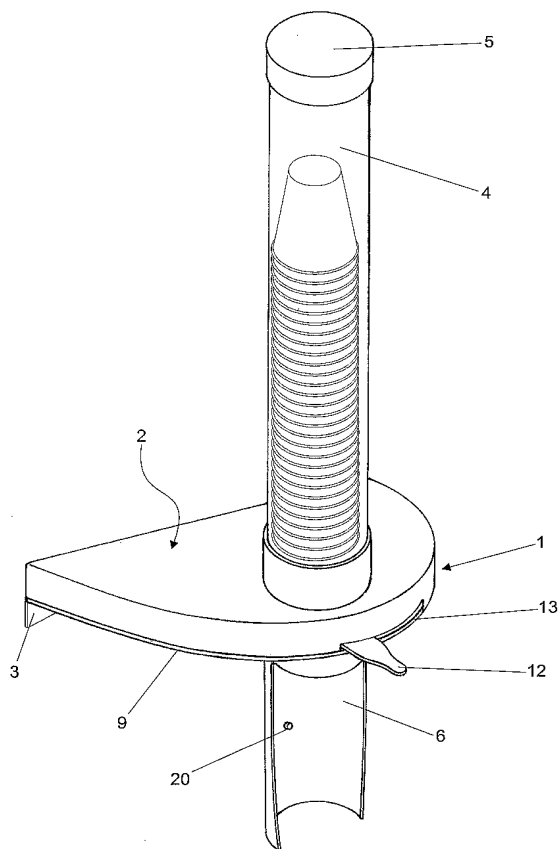
(72) Inventors: **STAMATIS FILHO, Reynaldo** [BR/BR]; Rua Miguel Mauricio da Rocha, 279, Brooklin Velho, 04622-031 São Paulo/SP (BR). **MOREIRA DE LIMA, Mauro** [BR/BR]; Rua Angelo della betta, 230, Jardim Maua, 09340-310 Maua/SP (BR). **MISSURINI, Luciano** [BR/BR]; Rua Domiciano Rossi, 246 - Apto. 114, Jardim Chacara Inglesa, 09726-121 São Bernardo do Campo/SP (BR).

(74) Agent: **FORTRADE BRASIL MARCAS E PATENTES S/C LTDA**; Rua Afonso Celso, 1001, Vila Mariana, 04119-060 São Paulo/SP (BR).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,

[Continued on next page]

(54) Title: SEMI-AUTOMATIC DISPENSER FOR DISPOSABLE CUPS



(57) Abstract: Semi-automatic dispenser for disposable cups, comprising a semi-automatic dispensing mechanism (1-50), defined by a box (2-51) having in its upper section a tubular drawer (4-43) for the accommodation of several common disposable cups (C), arranged as a stack with their mouths facing downwards, and further, each cup is expected to be dispensed in a bottom drawer (6-62).

WO 2005/053469 A1



MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**(84) Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*